

09/928629

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,734,025 B2  
DATED : May 11, 2004  
INVENTOR(S) : Mikhail Sergeevich Shchepinov and Edwin Mellor Southern

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page.

Item [75] "Inventor: **Mikhail Sergeevich Shchepinov**, San Diego, CA (US)" should read -- Inventors: **Mikhail Sergeevich Shchepinov**, San Diego, CA (RU); **Edwin Mellor Southern**, Oxford, (GB)" --

Column 6.

Line 41, "and recording" should read -- recording --.

Line 55, "unsubstituted C<sub>2</sub>-C<sub>20</sub>" should read -- unsubstituted C<sub>1</sub>-C<sub>20</sub> --.

Column 7.

Line 33, "the slops of" should read -- the steps of --.

Column 7, line 40 through Column 8, line 23

"18. A method of measuring the molecular mass of a compound Y or unknown molecular mass comprising

estimating the expected molecular mass of compound Y, selecting at least one calibration compound of Formula (I) R-X having a predetermined molecular weight close to the expected molecular weight of the compound Y, in which R is a trityl group and X is cleavable to form a charged species for mass spectrometer;

A method of measuring the molecular mass of a compound Y of unknown molecular mass comprising

estimating the expected molecular mass of compound Y, selecting at least one calibration compound of Formula (I) R-X having a predetermined molecular weight close to the expected molecular weight of the compound Y, in which R is a trityl group and X is cleavable to form a charged species for mass spectrometry;

and subjecting both compounds to mass spectrometry simultaneously to obtain the measured molecular weight of compound Y and the at least one calibration compound of Formula (I); and comparing the measured molecular weight of compound Y to that of the at least one calibration compound of Formula (I), correcting for any difference between the predetermined molecular weight and the measured molecular weight of the at least one calibration compound Formula (I)" should read:

-- 18. A method of measuring the molecular mass of a compound Y of unknown molecular mass comprising

estimating the expected molecular mass of compound Y, selecting at least one calibration compound of Formula (I) R-X having a predetermined molecular weight close to the expected molecular weight of the compound Y, in which R is a trityl group and X is cleavable to form a charged species for mass spectrometry;

09,928,639.

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PATENT NO. : 6,734,025 B2

Page 2 of 2

DATED : May 11, 2004

INVENTOR(S) : Mikhail Sergeevich Shchepinov and Edwin Mellor Southern

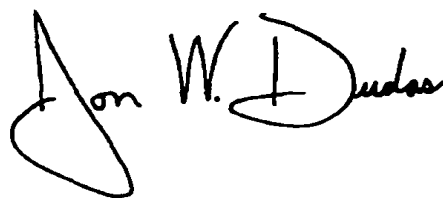
It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 7, line 40 through Column 8, line 23 (cont'd),

subjecting both compounds to mass spectrometry simultaneously to obtain the measured molecular weight of compound Y and the at least one calibration compound of Formula (I); and comparing the measured molecular weight of compound Y to that of the at least one calibration compound of Formula (I), correcting for any difference between the predetermined molecular weight and the measured molecular weight of the at least one calibration compound Formula (I). --

Signed and Sealed this

Seventh Day of December, 2004

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, sweeping initial "J" and a distinct "D".

JON W. DUDAS

*Director of the United States Patent and Trademark Office*